

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PNO-III-93-60

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region III staff on this date.

Facility:	<u>Licensee Emergency Classification</u>
Consumers Power Company	<input type="checkbox"/> General Emergency
Palisades Nuclear Power Plant	<input type="checkbox"/> Site Area Emergency
Covert, Michigan	<input type="checkbox"/> Alert
	<input type="checkbox"/> Unusual Event
Docket No. 50-255	<input checked="" type="checkbox"/> N/A

Subject: TWO LEAKS FOUND THROUGH THE PRESSURIZER AT RTD WELLS

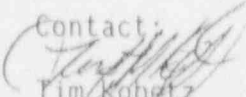
On October 9, 1993, during an inspection of reactor cooling system, the licensee found indications of a leak through the wall of the pressurizer at the location of the pressurizer vapor phase resistance temperature detector (RTD) well. The plant has been shut down for refueling since June 5, 1993. At the time of discovery, the reactor cooling system temperature was 85 degrees F. and the pressure was 250 pounds per square inch. On October 12, the licensee identified a similar leak from the pressurizer liquid phase RTD well.

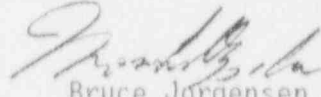
The RTD wells are approximately 1.3 inches in diameter and are fabricated from Inconel 600, the same material as in the piping from the pressurizer to two power-operated relief valves (PORV) in which a crack was found on September 17, 1993. (Reference: PNO-III-93-55) The licensee has completed its repair of the cracked portion of piping.

The licensee is currently reviewing inspection and repair options for the RTD leaks and will extend their present outage to make repairs and conduct further inspections of the RCS. The licensee's activities are being reviewed by Region III (Chicago) and the Office of Nuclear Reactor Regulation (NRR). Both Region III and NRR are also following the licensee's repairs and evaluation of the PORV pipe crack.

The State of Michigan will be notified. The information in this preliminary notification has been reviewed with licensee management.

This information is current as of 8 a.m. on October 14, 1993.

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